27/11/24 LAB-9 Q) Write a program that creates a user interface to perform integer divisions. The user entery two numbers in the tent fields, Num 1 and Num 2. The division of Num! and Num : is displayed in the result field uhen the divide button is clicked. If Num! or Num 2 were not an integer, the program would throw a Number Format Exception. If Num 2 were zero, the program would throw an Arithmetic Enception display the in a message dialog bon. import janan. suing. *; import jana · aut · *; import jour. aut. event. *; class Suing Demo { Suring Demo () { JFrame ifrem = new JFrame ("Divider app"); jfrm. set Size (275, 150); frms. setLayout (new Flow Layout ()); jfrm. set Default Close Operation (J Frame. EXIT_ON_CLOSE); JLabel jlab = new JLabel ("Enter dividor and J Tent Field afth = new J Tent Field (8); J Tent Field biff = new J Tent Field (8);



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J Button button = new J Button ("Calculate");
  Jeahel er = new Jeahel ();
 JLalul alah = new JLalul ();
 Thalul blak = new Thalul ();
 JLabel anslab = new JLabel ();
 jfrem - add ('ever);
 jpem. add (jlal);
 jfrm. add (ajtf);
 ifrm. add (bytf);
 ffrm. add (button);
 ffrm. add (alali);
 jfrm. add (blah);
 jfrm- add (anslah);
Action Listener I = new Action Listener ();
 public void action Performed (Action Event ent) {
  System. out. print ln ("Action event from text field");
ajtf. add Action Listener ();
biff. add Action Listener ();
Dutton. add Action Listener (new Action Listener() {
  public Void action Performed (Action Event out) {
     int a = Integer. Rarse Int (ajtf. get Tent ());
     int b = Integer. parse Int (bjtj. get Tent ());
     int ans = a/b;
```



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alob. set Tent ("");
blale. set Tent ("");
anslaly. set Tent (" ");
3 set Tent ("Enter only Integers!");
cotch (Arithmetie Enception e) {
 alali. set Tent (" ");
blale. set Tent ("");
-anslale. set Tent (" ");
 evr. set Tent ("B should be non zero!"); }
iffrm. set Visible (true);
public static void main (String args [3) [
Suing Utilities. innoke Later (neu Runnalile () {
 public void run () {
 3);
```



